



6/2013

Valid from
8/2013

		BMW X5 xDrive50i
Body		
No of doors/seats		5 / 5 (7) ¹⁾
Length/width/height (unladen)	mm	4886 / 1938 / 1762
Wheelbase	mm	2933
Track, front/rear	mm	1640 / 1646
Turning circle	m	12.7
Tank capacity	app ltr	85
Cooling system incl heater	ltr	14.7
Engine oil ²⁾	ltr	9.0
Weight, unladen, to DIN/EU	kg	2175 / 2250
Max load to DIN	kg	710
Max permissible	kg	2885
Max axle load, front/rear	kg	1375 / 1585
Max trailer load (12%), braked/unbraked	kg	2700 (3500 ³⁾) / 750
Max roofload/max towbar download	kg	100 / 140
Luggage comp capacity	ltr	650 – 1870
Air resistance	c _d x A	0.33 x 2.84
Engine		
Config/No of cyls/valves		V / 8 / 4
Engine technology		BMW TwinPower Turbo technology with two turbochargers, direct injection (High Precision Injection) and fully variable valve control (VALVETRONIC)
Capacity, effective	cc	4395
Stroke / bore	mm	88.3 / 89.0
Compression ratio	:1	10.0
Fuel grade		min RON 91
Max output	kW/hp	330 / 450
at	rpm	5500 – 6000
Max torque	Nm	650
at	rpm	2000 – 4500
Electrical System		
Battery/installation	Ah/–	105 / luggage comp
Alternator	A/W	210 / 2940
Driving Dynamics and Safety		
Suspension, front		Double track control arm with double joint principle, small, negative steering roll radius, anti-dive
Suspension, rear		Integral-IV rear axle, spatial suspension with anti-squat and anti-dive; optional: air suspension with automatic self-levelling
Brakes, front		Single-piston floating-calliper disc brakes
Diameter	mm	385 x 36 / inner-vented
Brakes, rear		Single-piston floating-calliper disc brakes
Diameter	mm	345 x 24 / inner-vented
Driving stability systems		Standard: DSC incl. ABS and Dynamic Traction Control (DTC), Cornering Brake Control (CB), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant; DSC linked to xDrive all-wheel- drive, Automatic Differential Brake (ADB-X), Hill Descent Control (HDC); optional in conjunction with the Comfort, Dynamic or Professional adaptive suspension packages or Adaptive M suspension: Dynamic Damper Control, active roll stabilisation, Dynamic Performance Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, crash-activated head restraints at the front, three-point inertia-reel seatbelts on all seats with integrated belt latch tensioner and belt force limiter at the front, crash sensors, rollover sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS) with Servotronic: optional: Active Steering
Steering transmission, overall	:1	19.1
Tyres, front/rear		255/50 R19 107 W XL RSC
Rims, front/rear		9J x 19 light-alloys

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BMW ConnectedDrive

Comfort	Optional: Concierge Services, Remote Services, Real Time Traffic Information, BMW TeleServices, integration of mobile devices
Infotainment	Optional: internet access, BMW Online incl. Park Info, National Info, Google Services, News, Realtime Weather, BMW Routes, Office functions, Bluetooth Audio Streaming and Online Update Music Tracks, apps
Safety	Optional: Adaptive Headlights with turning lights, anti-dazzle High Beam Assistant, Park Distance Control, rear-view camera, Surround View, BMW Night Vision with human and animal detection and Dynamic Light Spot, Head-Up Display, Parking Assistant, Lane Change Warning, Lane Departure Warning, Collision Warning with braking function, Active Cruise Control with Stop & Go function and full braking to standstill, Speed Limit Info with No Passing Info, Active Protection with Attention Assistant, Automatic/Enhanced Emergency Call (as standard)

Transmission

Type of gearbox	Eight-speed automatic transmission with Steptronic		
Gear ratios	I	:1	4.714
	II	:1	3.143
	III	:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.317
Final drive		:1	3.154

Performance

Power-to-weight ratio (DIN)	kg/kW	6.6
Output per litre	kW/ltr	75.1
Acceleration 0–100 km/h	sec	5.0
0–1000 m	sec	23.9
Top speed	km/h	250

Off-Road Specifications

Overhang angle, front/rear	25.0 / 20.0	
Ramp angle	°	
Ground clearance unladen	mm	209
Fording depth (at 7 km/h)	mm	500

BMW EfficientDynamics

BMW EfficientDynamics, standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, flow rate-controlled oil pump, rpm-driven fuel pump, intelligent lightweight construction, optimised aerodynamic attributes, active air vents, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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Fuel Consumption EU⁴⁾

With standard wheels and tyres		
Urban	ltr/100	14.0
Extra-urban	ltr/100	8.3
Combined	ltr/100	10.4
CO ₂	g/km	242
With 9J x 19 wheels at front, 10J x 19 at rear and 255/50 R19 tyres at front, 285/45 R19 at rear		
With 10J x 20 wheels at front, 11J x 20 at rear and 275/40 R20 tyres at front, 315/35 R20 at rear		
Urban	ltr/100	14.1
Extra-urban	ltr/100	8.3
Combined	ltr/100	10.5
CO ₂	g/km	244
Emission rating	EU6	

Specifications applicable to ACEA markets, data relevant to homologation applicable in part only to Germany (weight, top speed)

- 1) With optional third row of seats
- 2) Oil change
- 3) With optional increased towbar download (country-specific)
- 4) Fuel consumption and CO₂ emissions depend on the selected tyre format